

FIG. 1

2/20

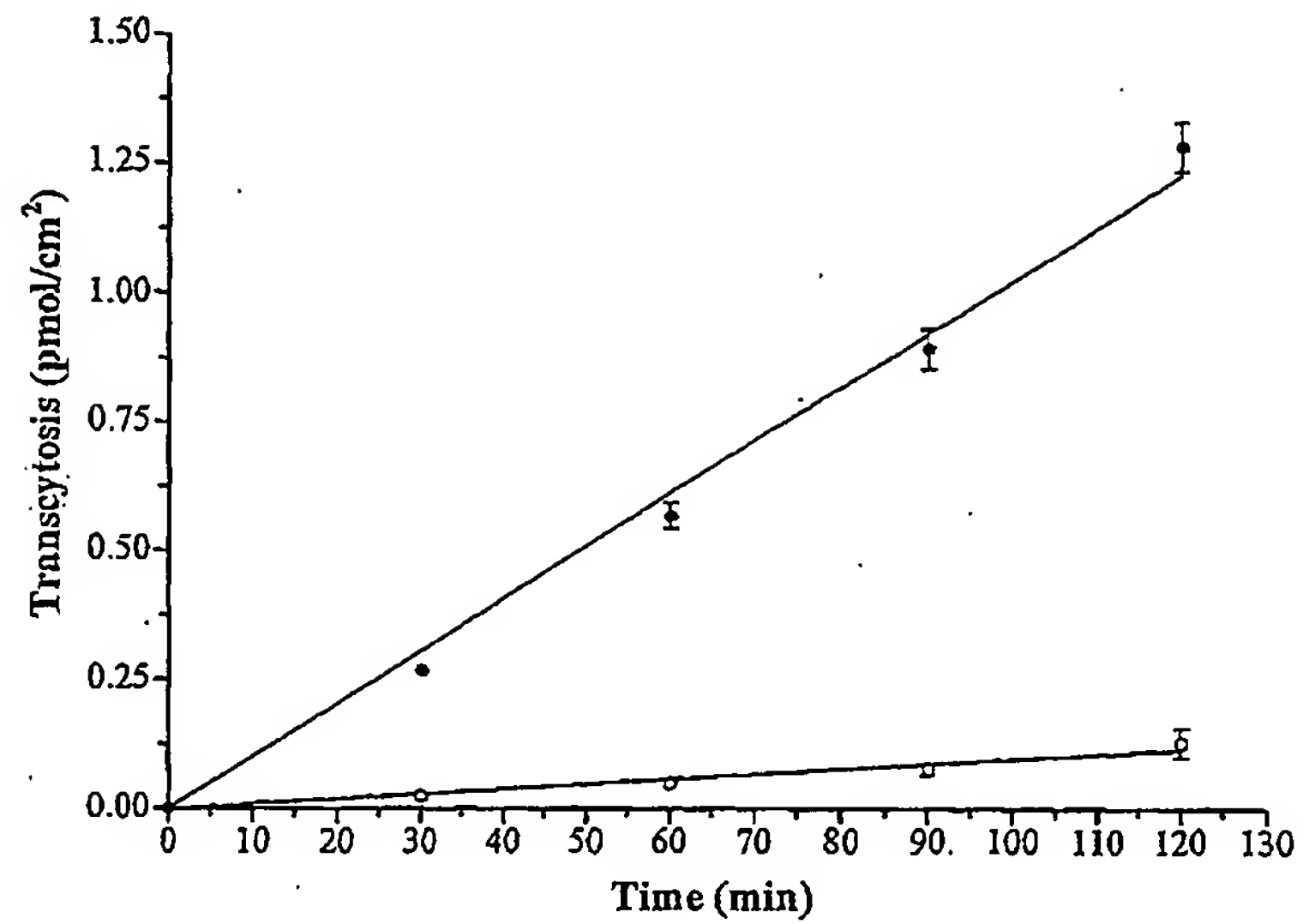


FIG. 2

3/20

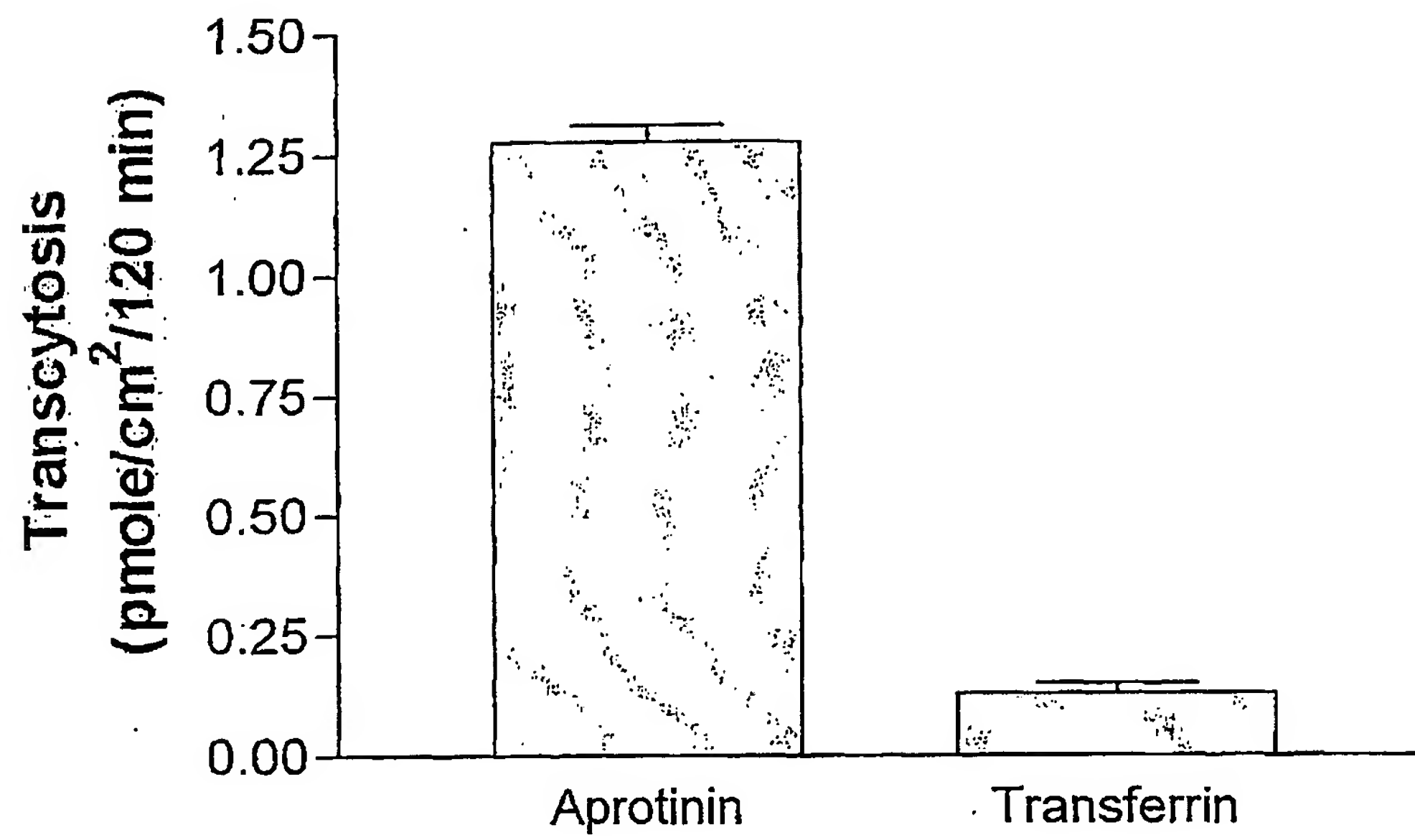


FIG. 3

4/20

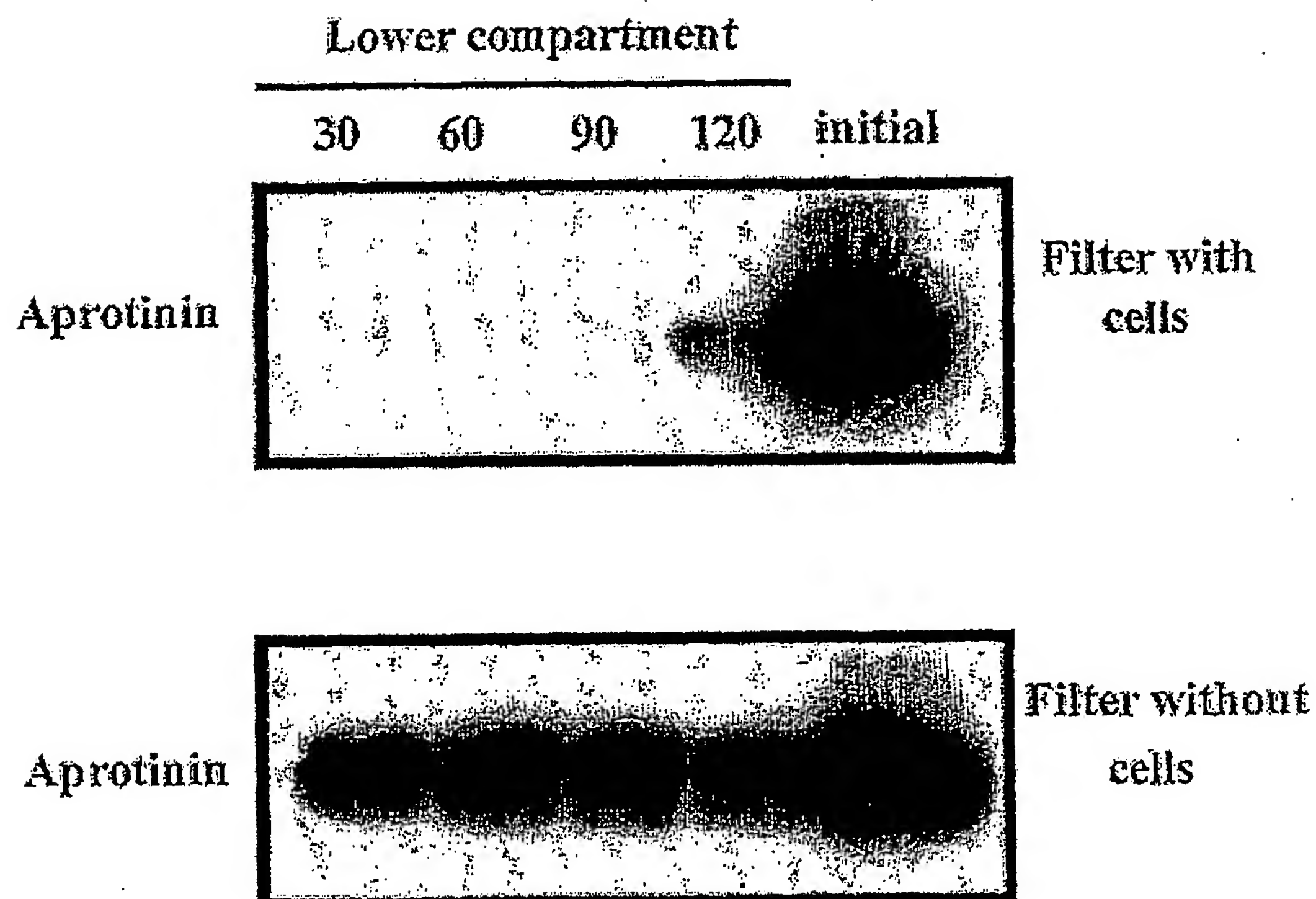


FIG. 4

5/20

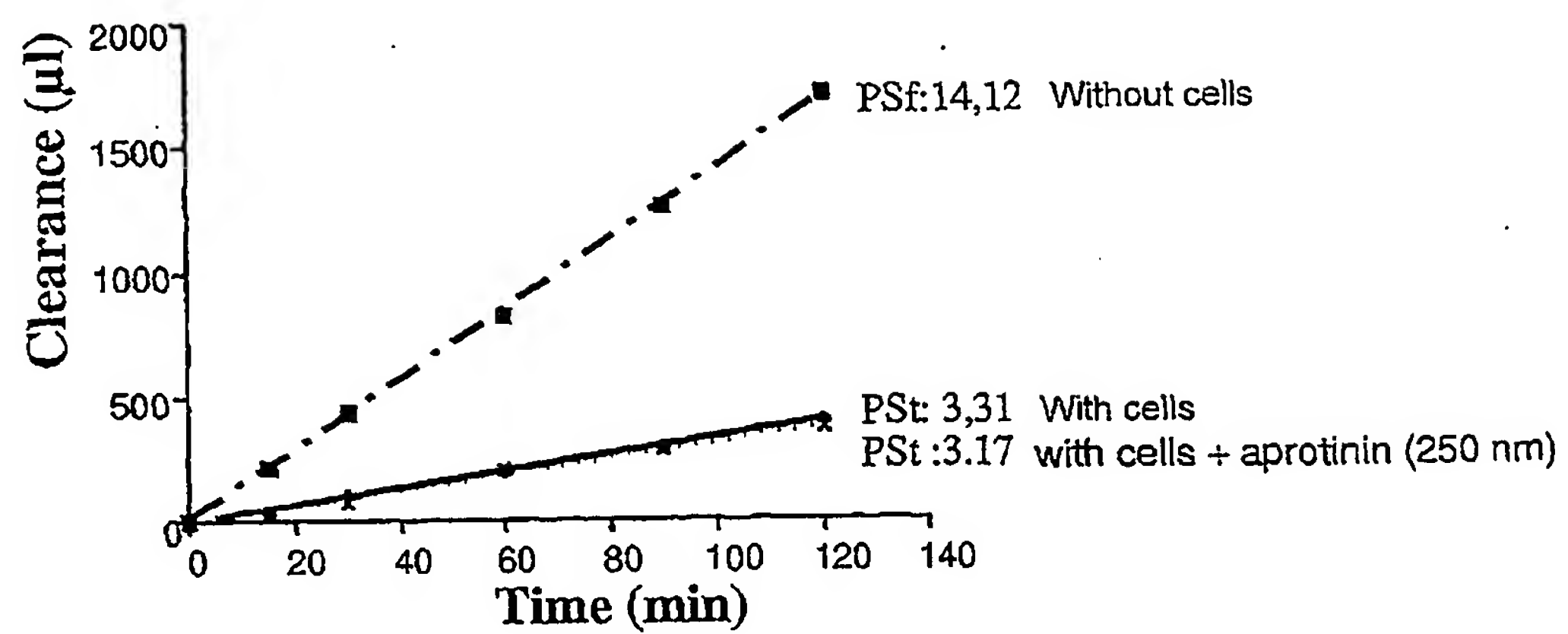


FIG. 5

6/20

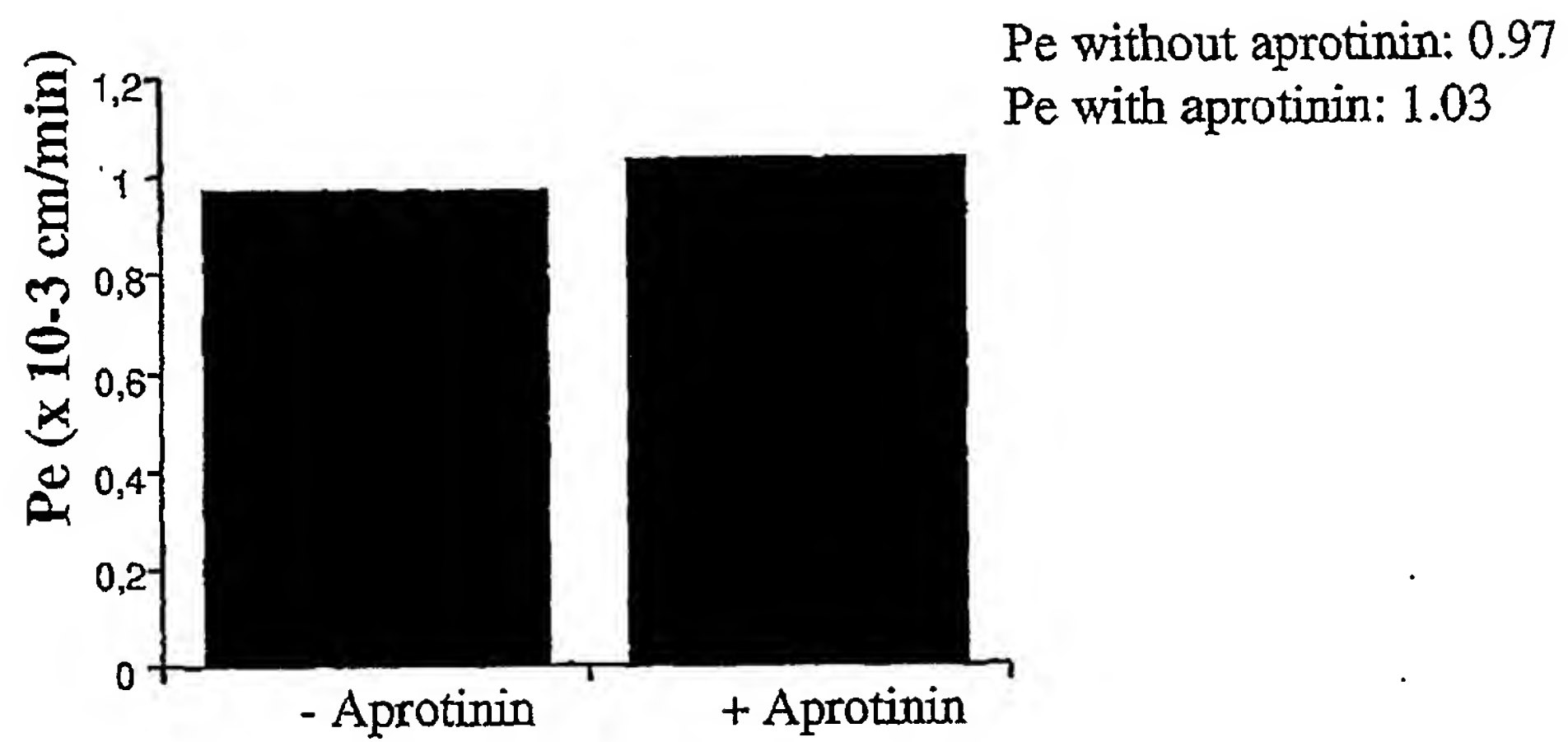


FIG. 6

7/20

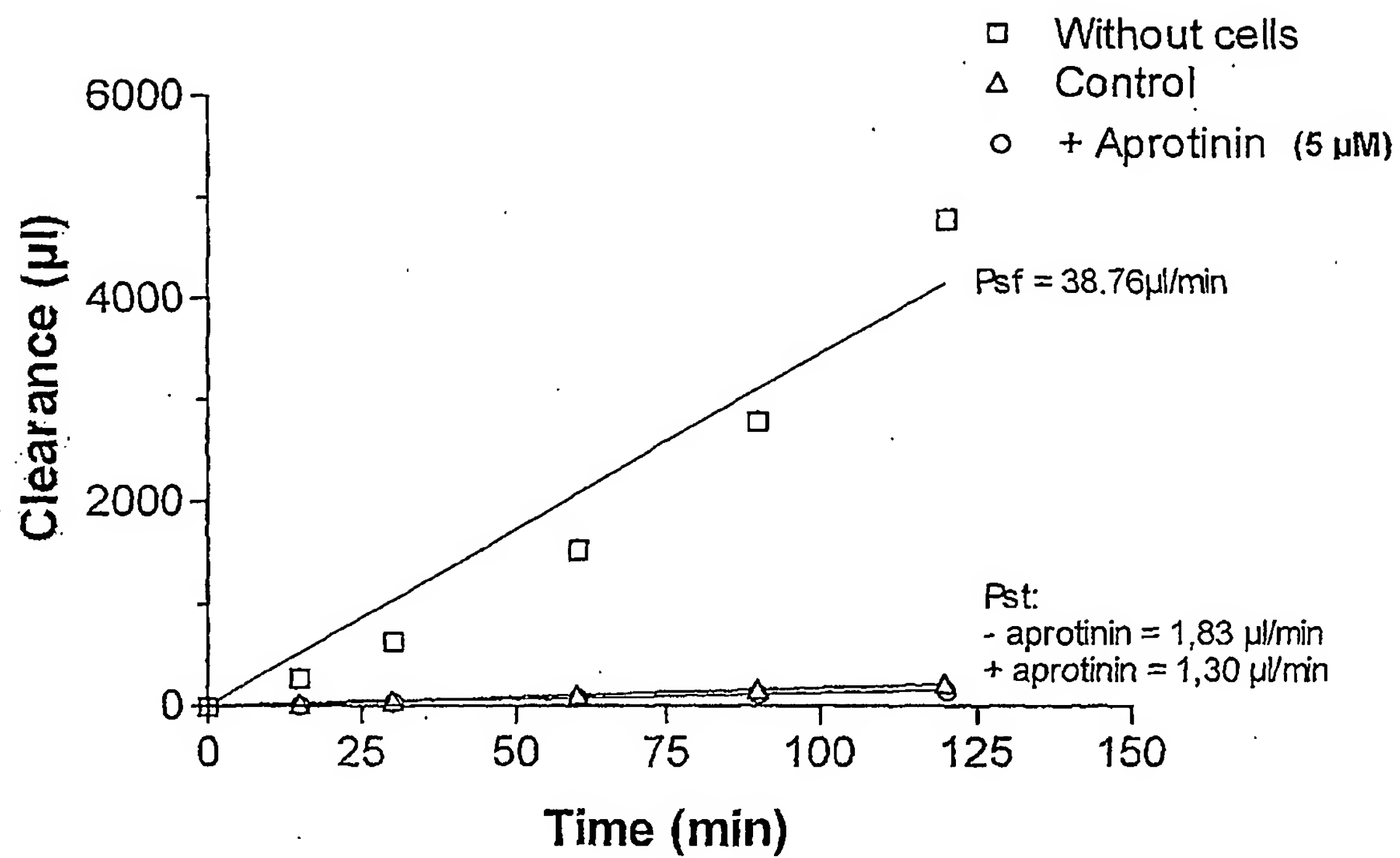


FIG. 7

8/20

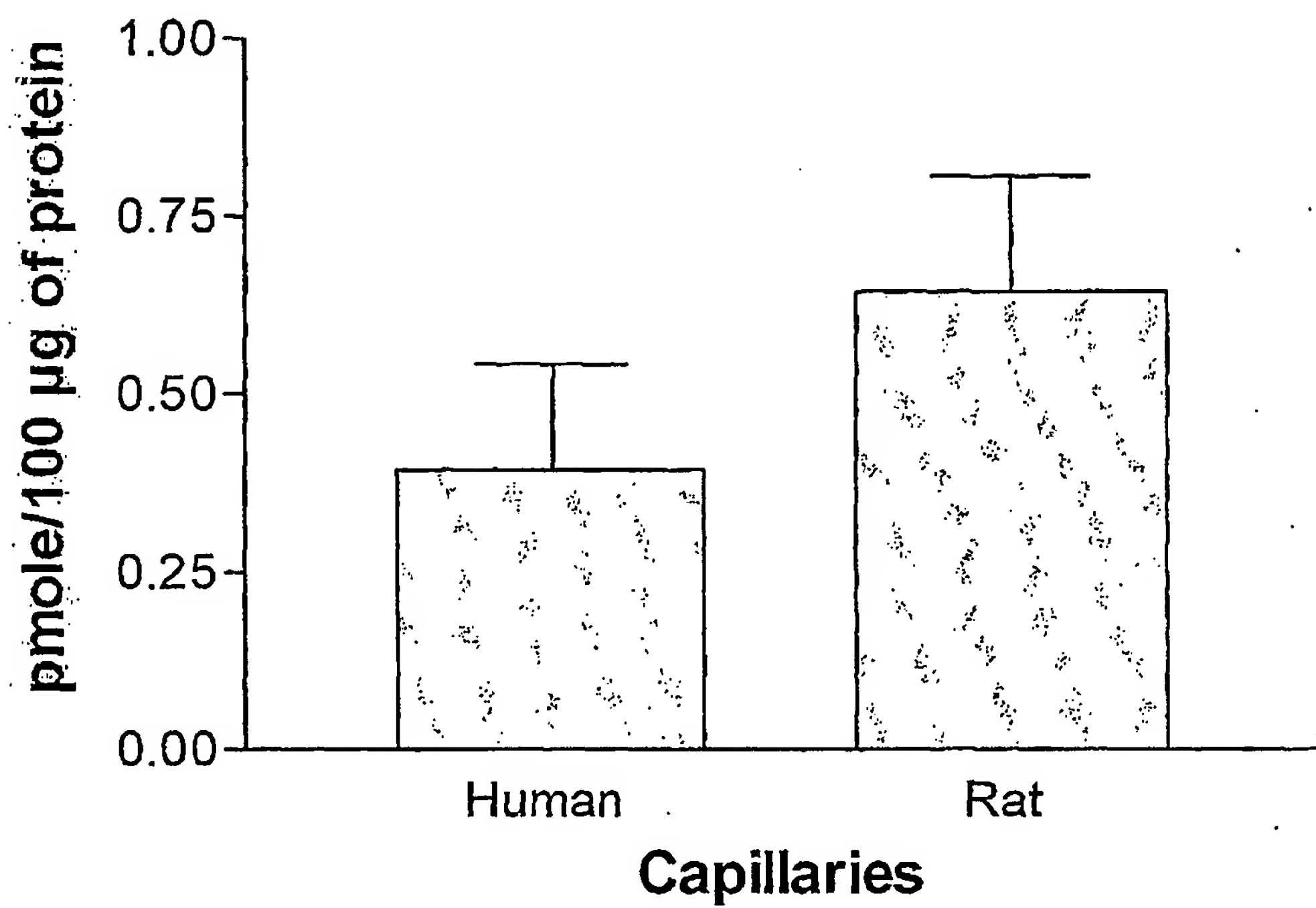


FIG. 8

9/20

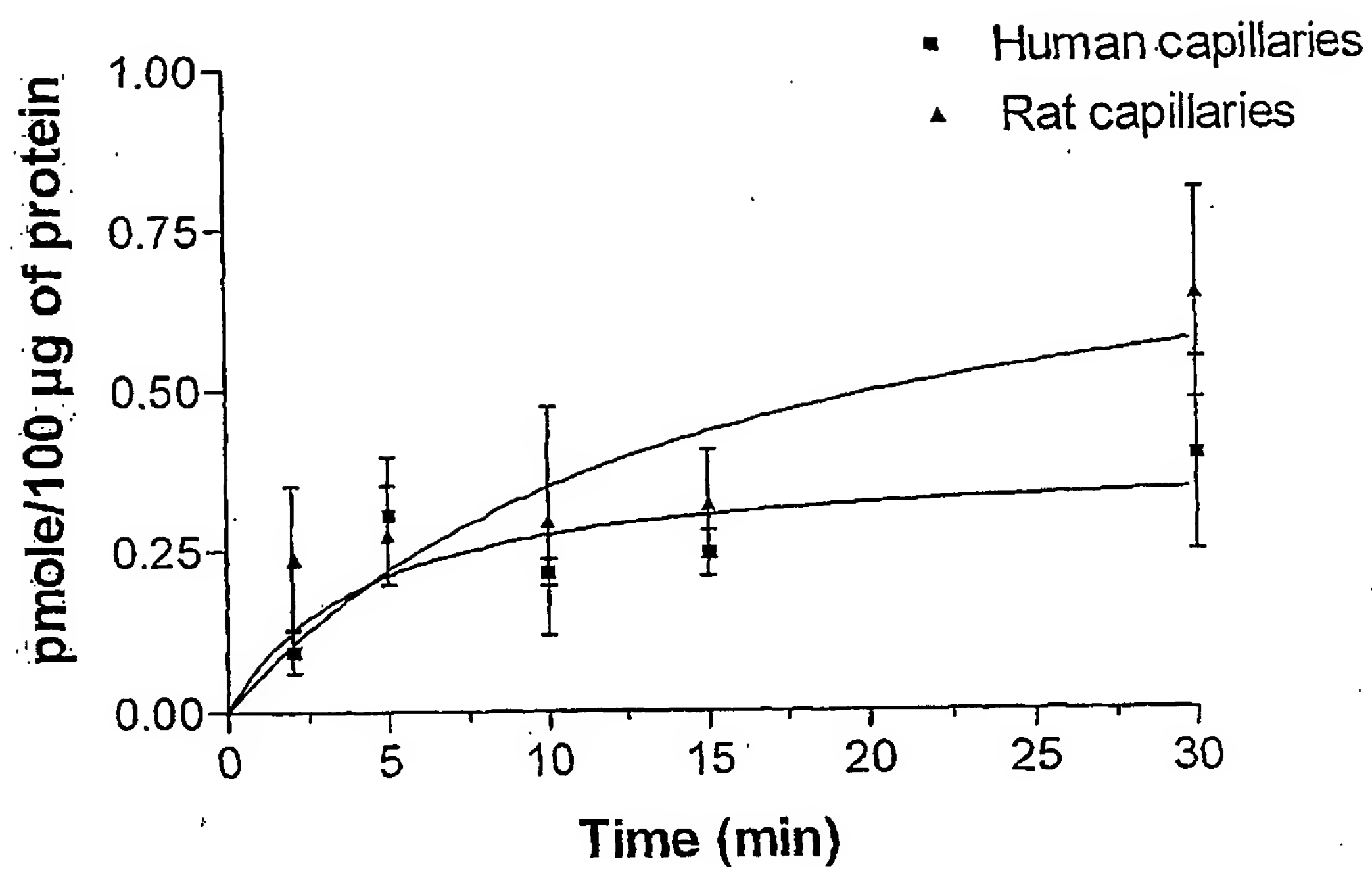


FIG. 9

10/20

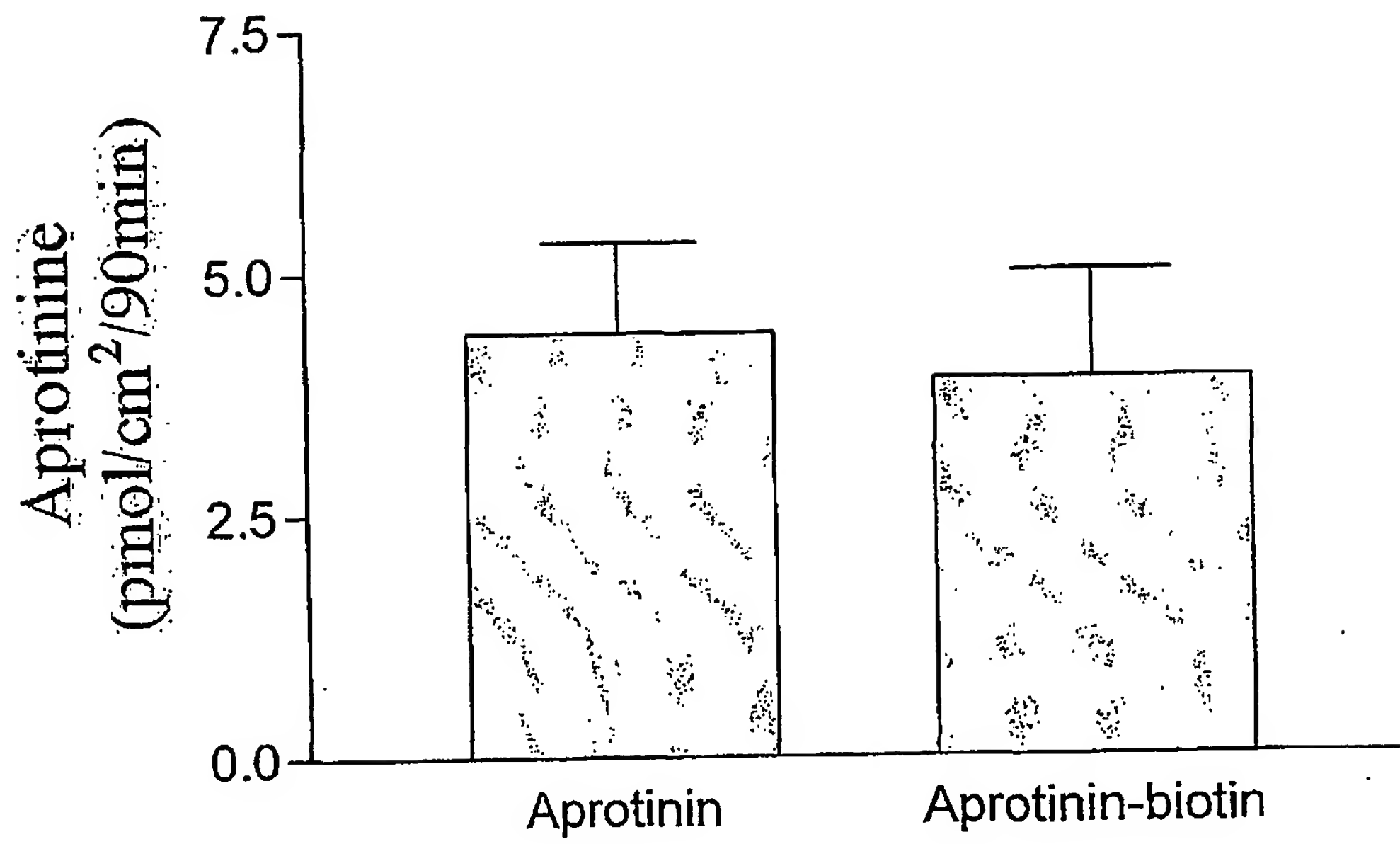


FIG. 10

11/20

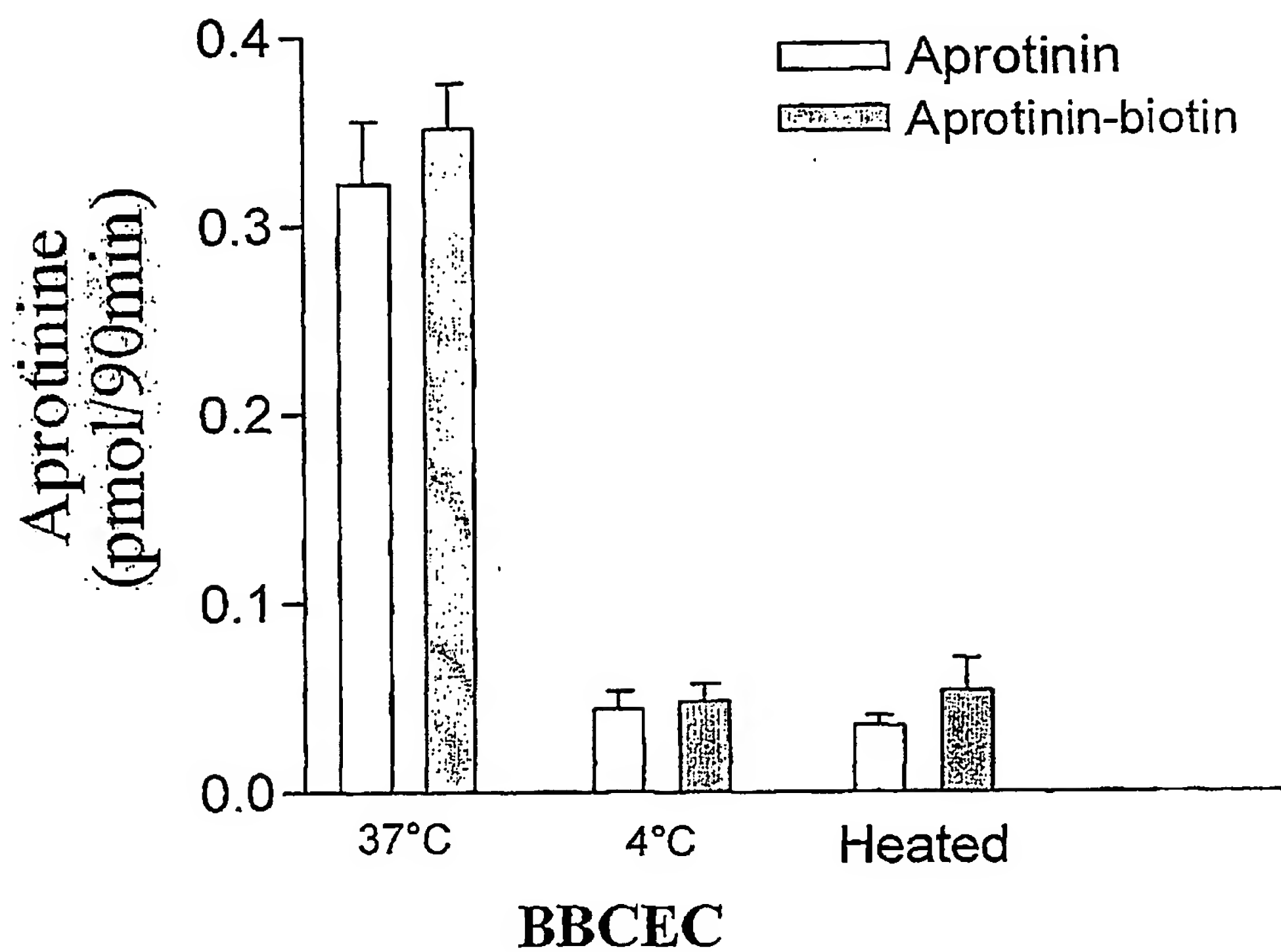


FIG. 11

12/20

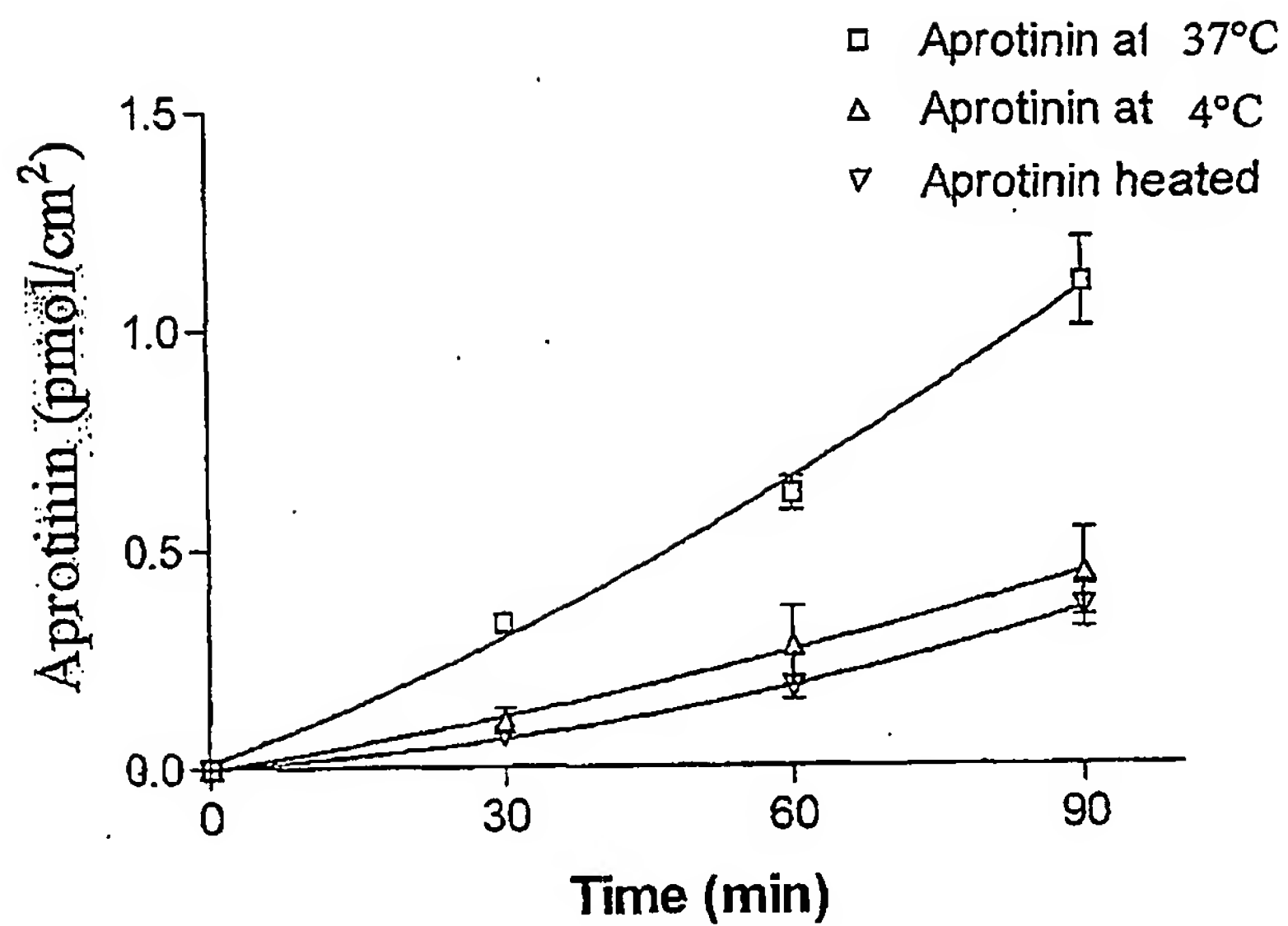


Fig. 12A

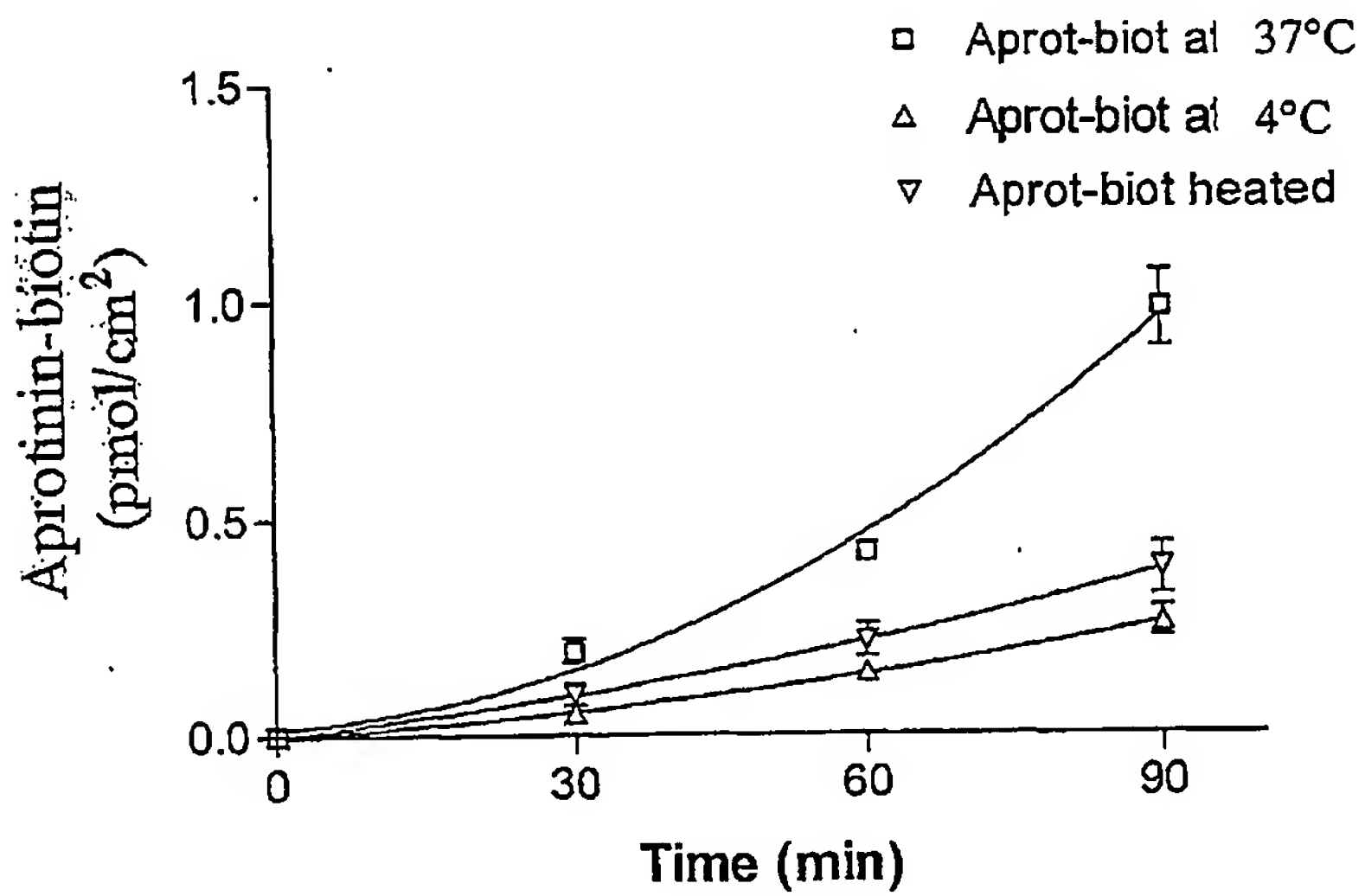


FIG. 12B

13/20

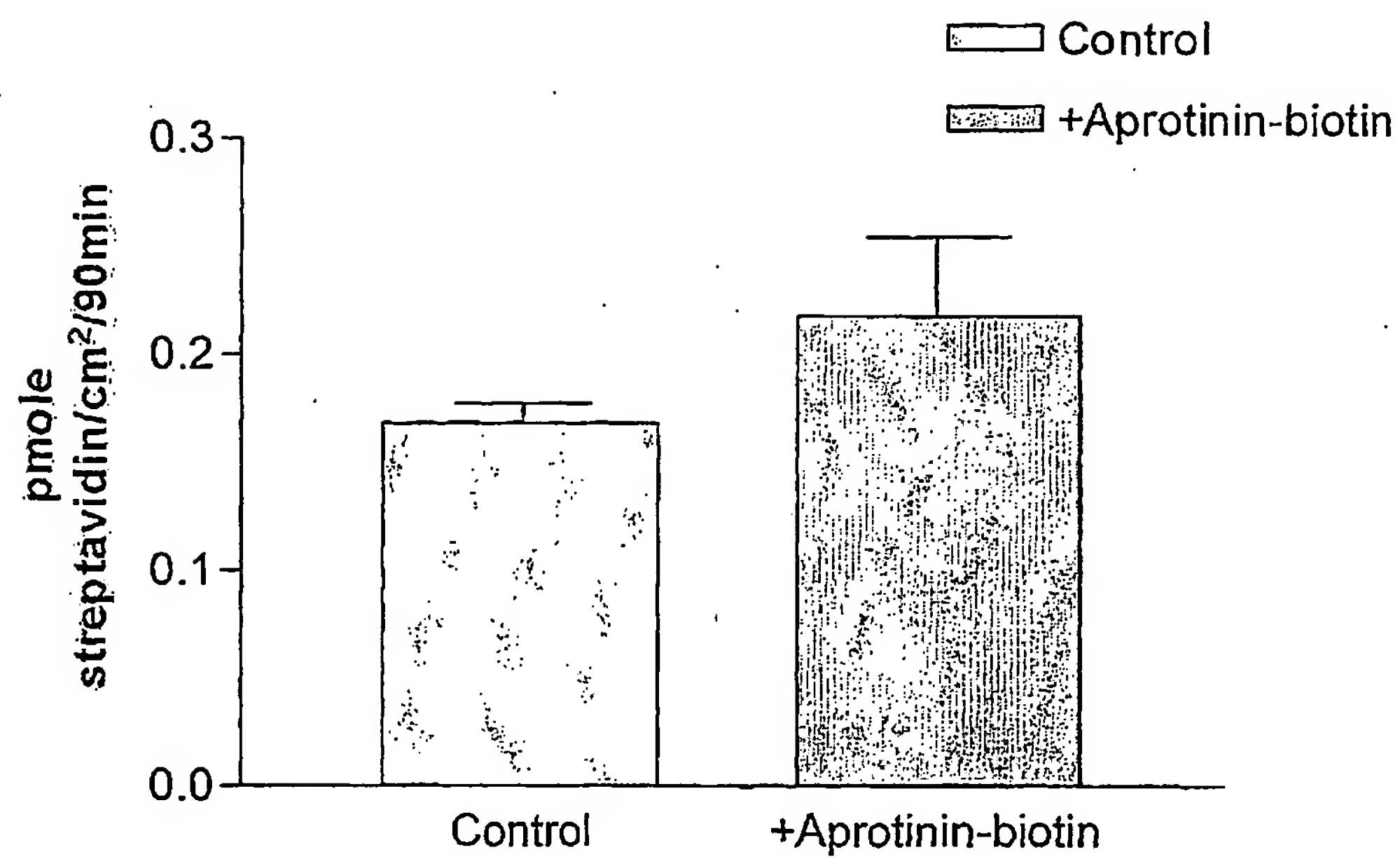


FIG. 13

14/20

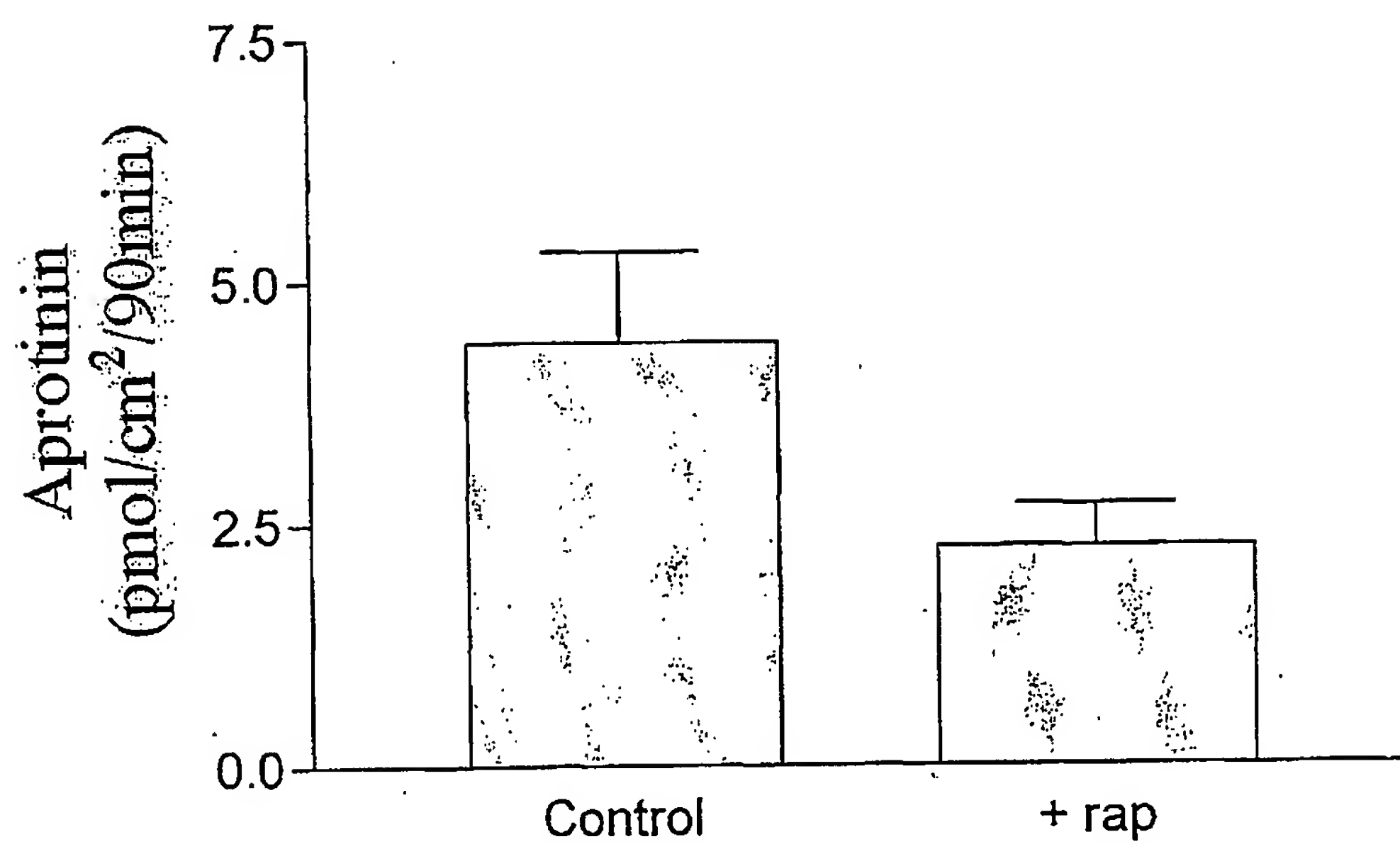
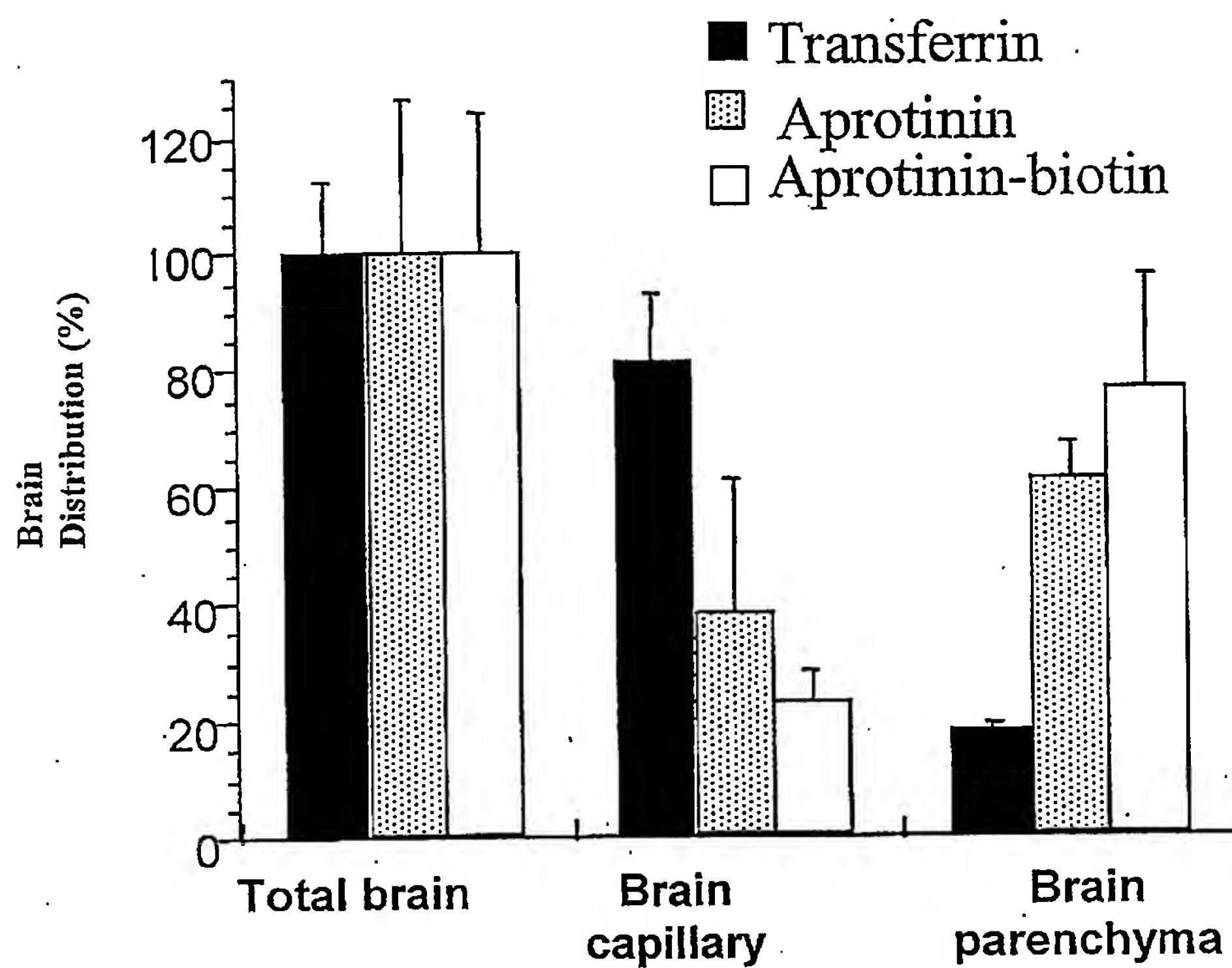


FIG. 14

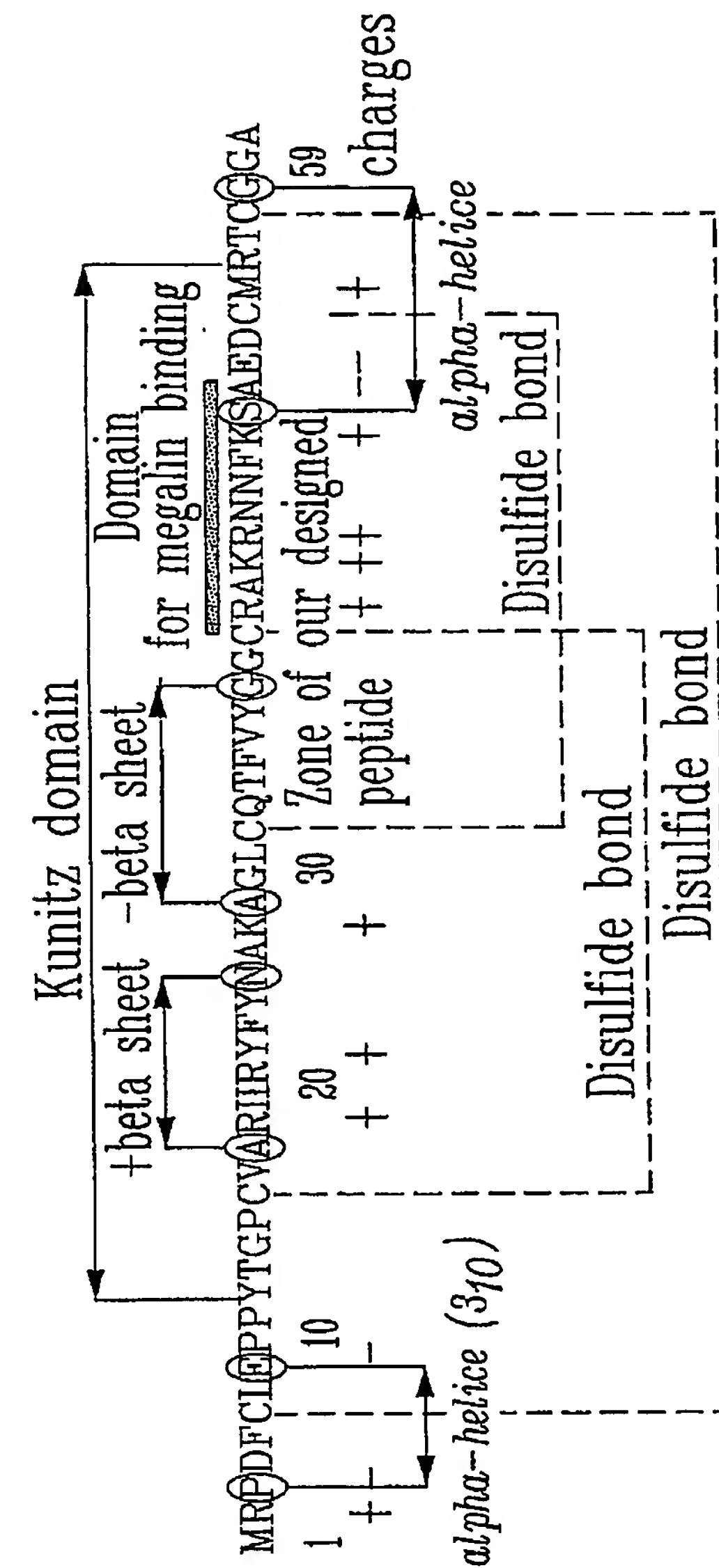
15/20



V_D for aprotinin in brain parenchyma = 3 μ l/100 g

FIG. 15

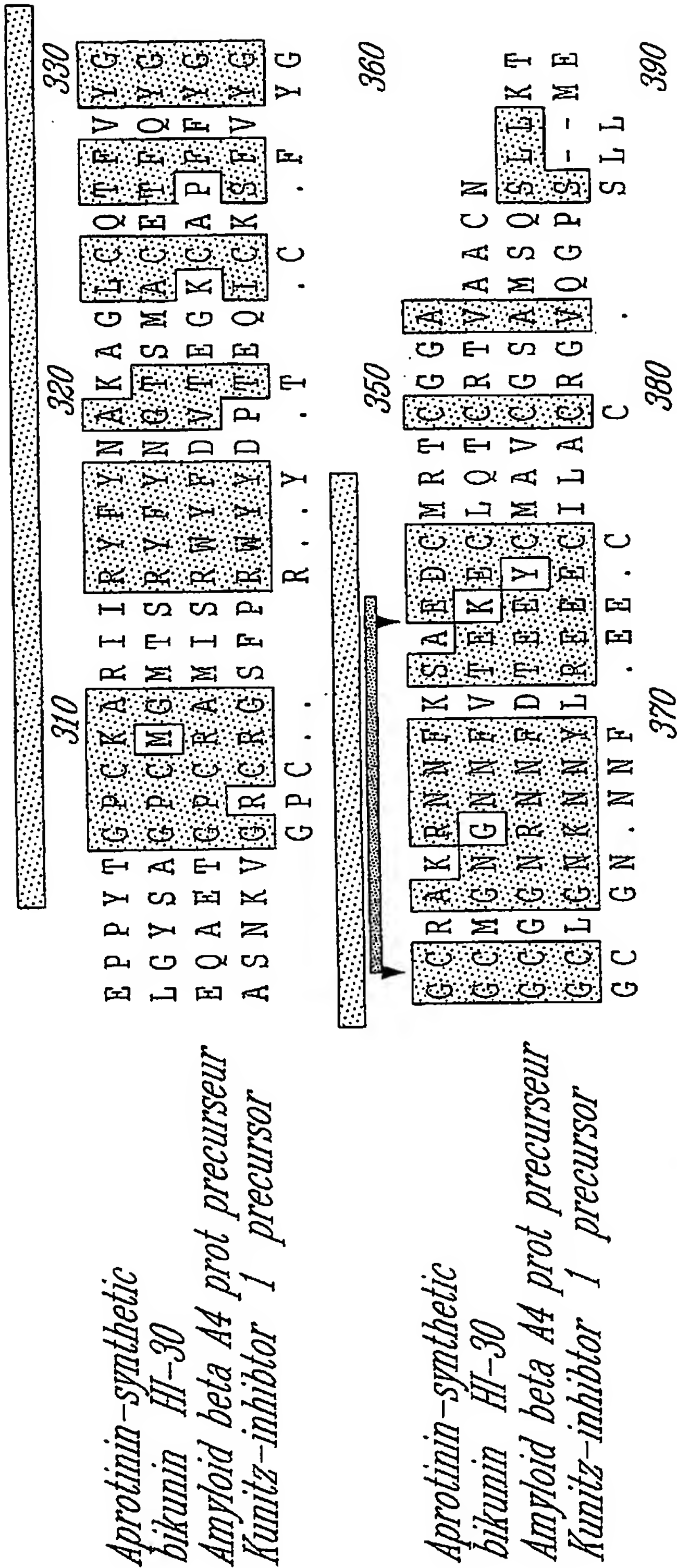
Synthetic-Aprotinin Sequence (net charge + 5)
Protein of 59 amino-acids, 6500 Da:



- * Zone of our designed peptides
- * 4 nucleophiles amines=4 potential sites of conjugaison (residue 1,27,42,47)
- * 6 cysteines engaged in disulfides bonds
- * 2 alpha-helices and 2 beta sheets

Alignment between aprotinin
and three human proteins with a similar domain

FIG. 17



18/20

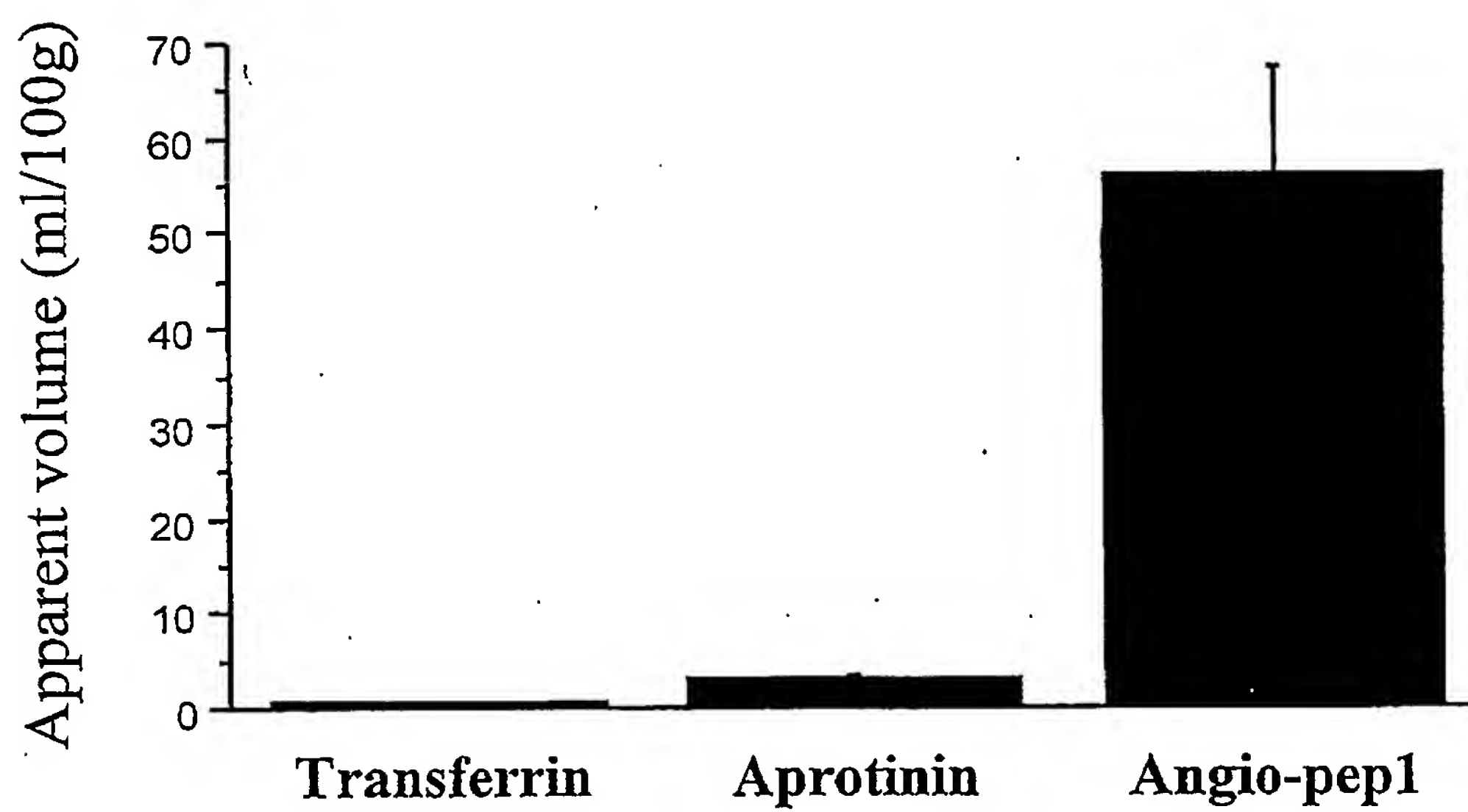


FIG. 18

19/20

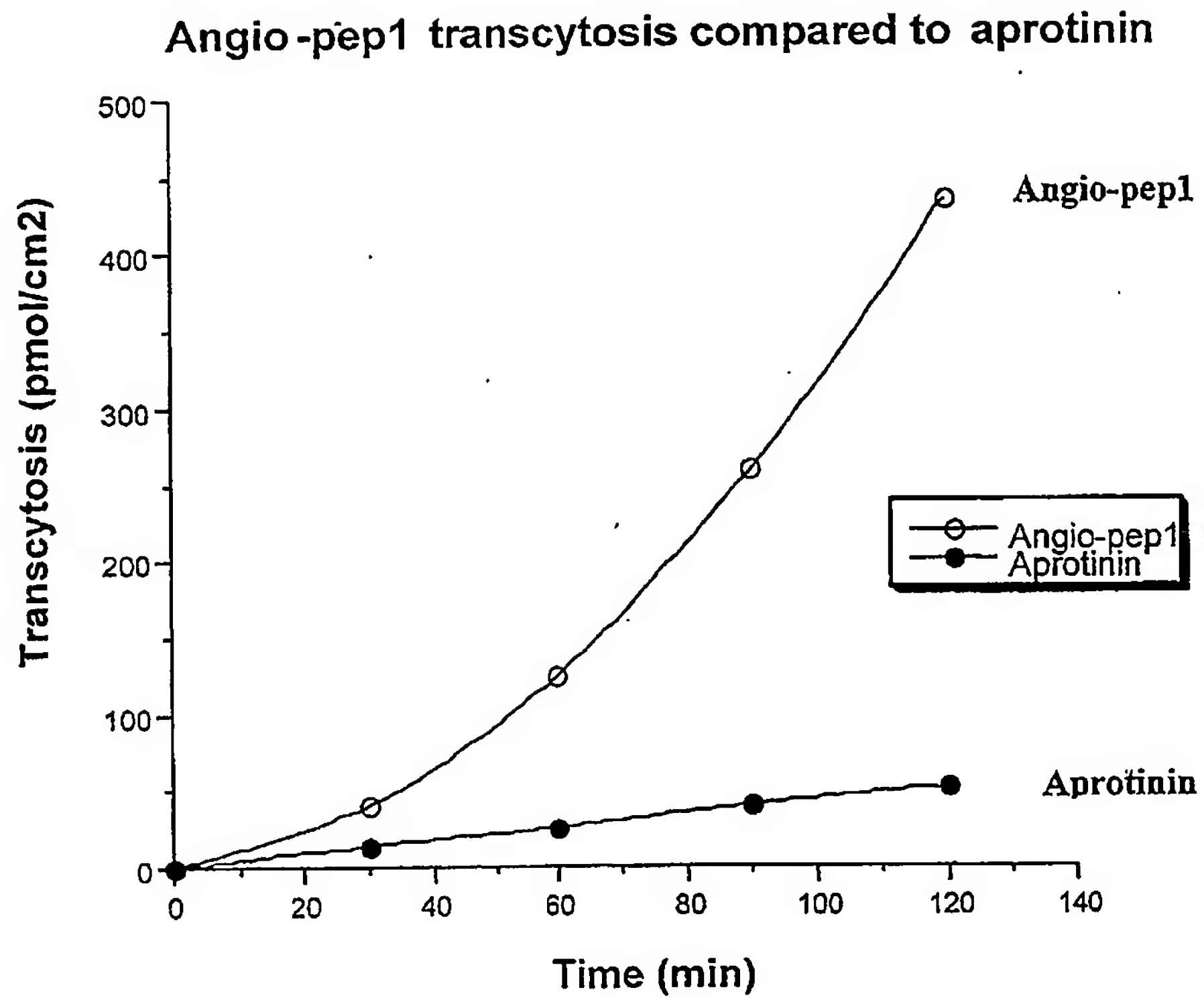


FIG. 19

20/20

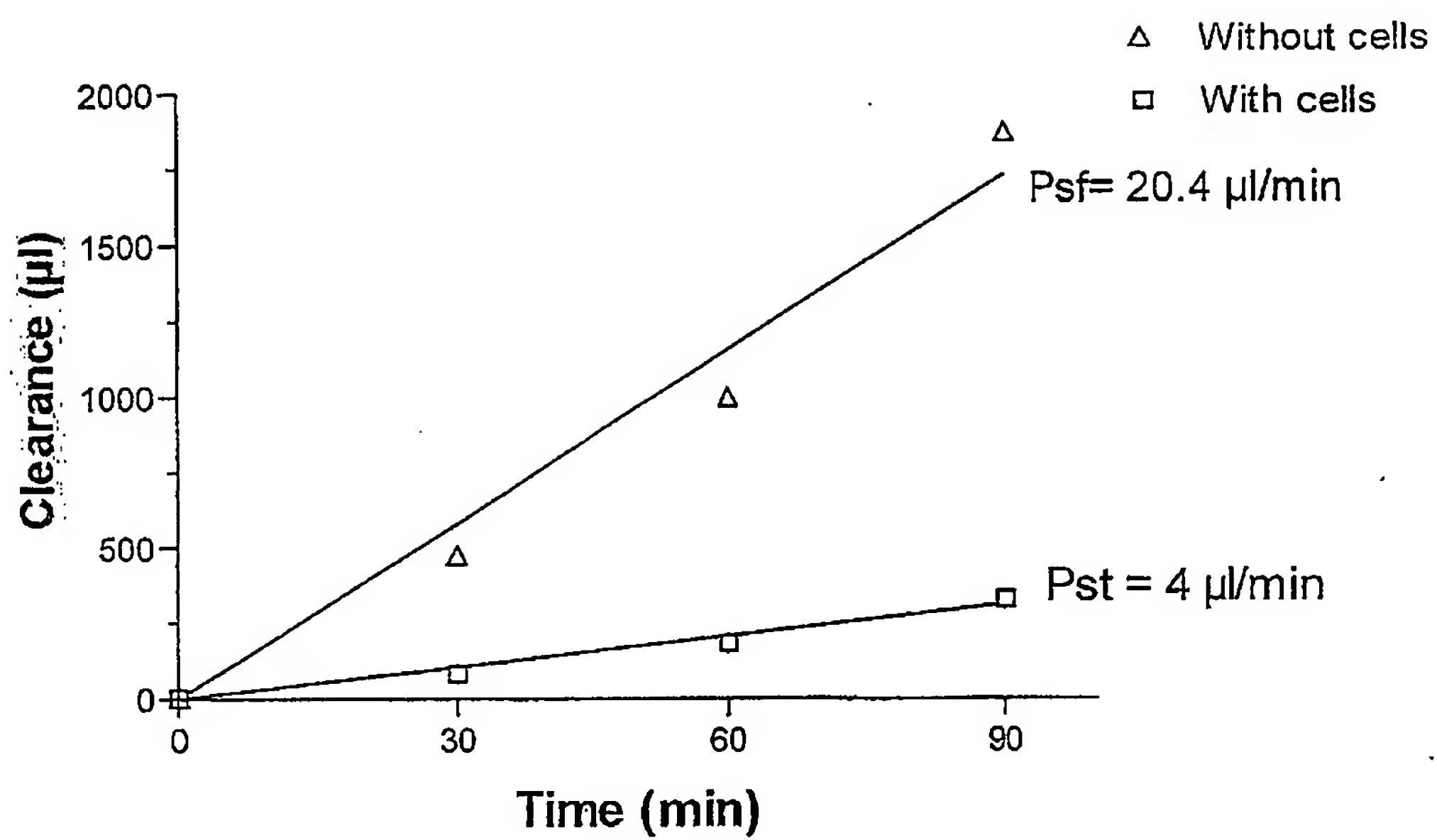


FIG. 20